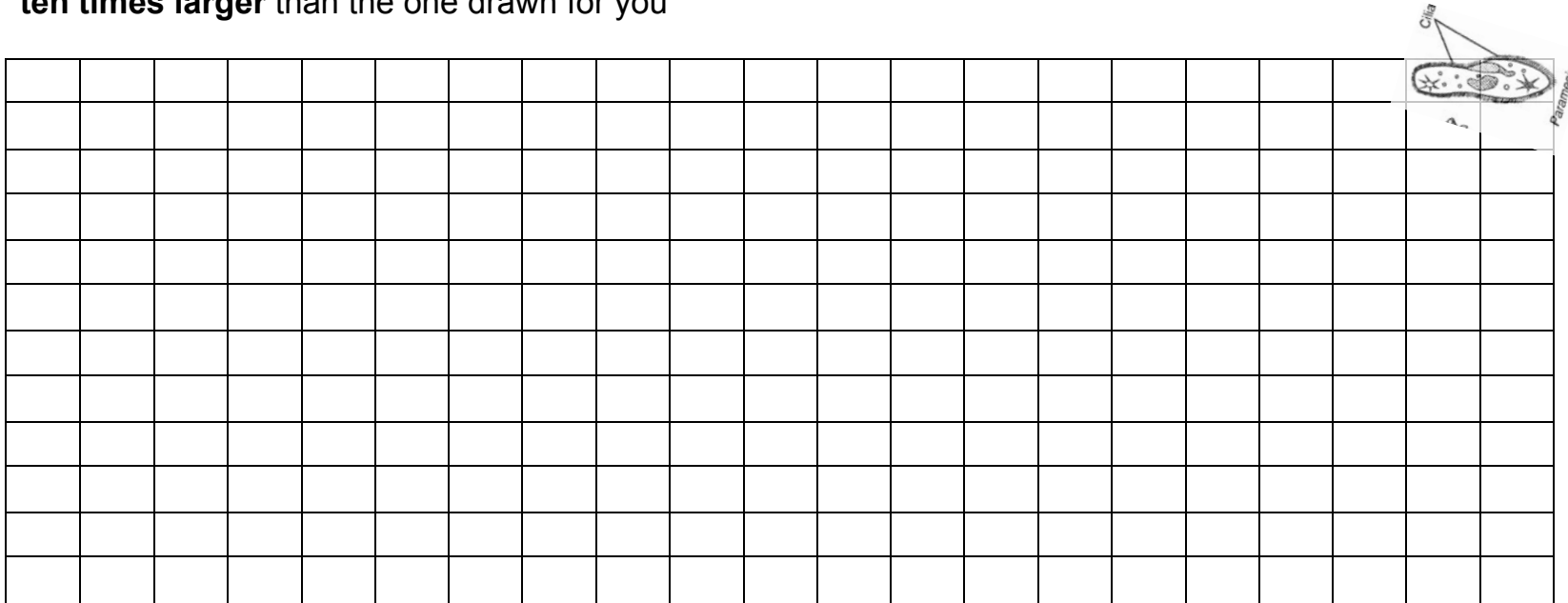


Microorganisms are very tiny organisms that can be seen only under a microscope. Paramecium is a microorganism. The paramecium has one cell in its entire body. It has a nucleus in the center of the cell and tiny hairs around the edge of the body called cilia.

The diagram of the paramecium in the grid below is enlarged to two units long and one unit wide. Draw a paramecium that is **ten times larger** than the one drawn for you



1. The original paramecium is two unit long. How long is your enlargement? 2 x _____ = _____
2. The original paramecium is one unit high. How high is your enlargement? 1 x _____ = _____
3. The nucleus of the original paramecium is in the center. In your enlarged drawing, where is the center? _____
4. How many squares, or square units, are in your enlarged paramecium? (Count each square that is half-covered or more as a whole square. Note that the small paramecium is in most of the space in *two* squares). _____